

To: Williamson, Tracy[Williamson.Tracy@epa.gov]
From: Williamson, Tracy
Sent: Sat 1/25/2014 12:43:50 AM
Subject: FW: Per your request

From: Williamson, Tracy
Sent: Wednesday, January 15, 2014 2:58 PM
To: Flattery, Priscilla
Cc: Schweer, Greg; Thomas, Timothy; Christian, Myrta; Ballard, Darryl; Sirmons, Chandler
Subject: RE: Per your request

- No CBI
- There were a few chemicals that had HPV hits when we searched, but what was actually in the HPV docs turned out to be either supporting chemicals or derivatives of chemicals. We'll go back and double check that.
- Many of these chemicals have many other uses. We'll provide additional use information for those that have the highest PVs and/or have the most other uses.

From: Flattery, Priscilla
Sent: Wednesday, January 15, 2014 12:28 PM
To: Williamson, Tracy
Cc: Schweer, Greg; Thomas, Timothy; Christian, Myrta; Ballard, Darryl; Sirmons, Chandler
Subject: RE: Per your request

Are they generally chemicals that would have additional uses beyond coal processing. Would your quick check indicate if we had 8(e) or HPV data? No CBI in what you sent below, right?

Priscilla Flattery

Chief of Staff, OPPT

202-564-2718

From: Williamson, Tracy
Sent: Wednesday, January 15, 2014 11:32 AM
To: Flattery, Priscilla
Cc: Schweer, Greg; Thomas, Timothy; Christian, Myrta; Ballard, Darryl; Simons, Chandler
Subject: RE: Per your request

For the list of chemicals you gave us...

- Most are very common existing chemicals with high annual production volumes.
- They were all reported to the original TSCA Inventory except one.
- None of them have regulatory flags.
- One is exempt from IUR/CDR reporting.

Below is public CDR information on each chemical. Am cc-ing IMD in case they have additional data to provide.

57-13-6, Urea

- 74 CDR hits, national production volume: 25,820,640,536 lb/yr

104-55-2, 2-Propenal, 3-phenyl-

- 8 CDR hits, national production volume: 1,000,000 - 10,000,000 lb/yr

108-11-2, 2-Pentanol, 4-methyl-

- 8 CDR hits, national production volume: 82,046,700 lb/yr

140-89-6, Carbonodithioic acid, O-ethyl ester, potassium salt (1:1)

- 2 CDR hits, national production volume: 2,323,553 lb/yr

143-33-9, Sodium cyanide (Na(CN))

- 10 CDR hits, national production volume: 250,000,000 - 500,000,000 lb/yr

1313-82-2, Sodium sulfide (Na₂S)

- 14 CDR hits, national production volume: 60,892,478 lb/yr

1330-20-7, Benzene, dimethyl-

- 75 CDR hits, national production volume: 8,139,817,326 lb/yr

1344-81-6, Calcium sulfide (Ca(Sx))

- 2 CDR hits, national production volume: 2,817,802 lb/yr

2720-73-2, Carbonodithioic acid, O-pentyl ester, potassium salt (1:1)

- 6 CDR hits, national production volume: 2,121,352 lb/yr

7664-93-9, Sulfuric acid

- 186 CDR hits, national production volume: 82,654,175,794 lb/yr

7720-78-7, Sulfuric acid, iron(2+) salt (1:1)

· 14 CDR hits, national production volume: 85,759,321 lb/yr

7722-88-5, Diphosphoric acid, sodium salt (1:4)

· 10 CDR hits, national production volume: 10,000,000 - 50,000,000 lb/yr

7733-02-0, Sulfuric acid, zinc salt (1:1)

· 12 CDR hits, national production volume: 1,000,000,000 - 5,000,000,000 lb/yr

7758-29-4, Triphosphoric acid, sodium salt (1:5)

· 21 CDR hits, national production volume: 50,000,000 - 100,000,000 lb/yr

7758-98-7, Sulfuric acid copper(2+) salt (1:1)

· 25 CDR hits, national production volume: 47,150,204 lb/yr

7783-18-8, Thiosulfuric acid (H₂S₂O₃), ammonium salt (1:2)

· 18 CDR hits, national production volume: 1,000,000,000 - 5,000,000,000 lb/yr

10028-22-5, Sulfuric acid, iron(3+) salt (3:2)

· 12 CDR hits, national production volume: 500,000,000 - 750,000,000 lb/yr

10043-01-3, Sulfuric acid, aluminum salt (3:2)

· 71 CDR hits, national production volume: 2,622,948,013 lb/yr

11138-49-1

- 11138-49-1 is not on the TSCA inventory, however, it could refer to a mixed metal oxide which is not reportable under TSCA as the mixture. The components are reportable and are on the TSCA Inventory [1313-59-3, 1344-28-1].

- This could also be confused with other chemicals:

- o 1302-42-7, "Aluminate (AlO₂), sodium (1:1)" [reported to original TSCA Inventory, no reg flags]

- o 12005-42-7, "Aluminum sodium oxide (Al₁₁NaO₁₇)" [reported to original TSCA Inventory, no reg flags]

12042-91-0, Aluminum chloride hydroxide (Al₂Cl(OH)₅)

- 13 CDR hits, national production volume: 124,468,394 lb/yr

12135-76-1, Ammonium sulfide ((NH₄)₂S)

- 4 CDR hits, national production volume: 24,978,308 lb/yr

25085-02-3, 2-Propenoic acid, sodium salt (1:1), polymer with 2-propenamide

- exempt from IUR/CDR reporting; none-the-less, there was a CDR hit with a production volume of 123,458 lb/yr

25306-75-6, Carbonodithioic acid, O-(2-methylpropyl) ester, sodium salt (1:1)

- 1 CDR hits, national production volume: 859,794 lb/yr

68915-31-1, Polyphosphoric acids, sodium salts

- 10 CDR hits, national production volume: 10,000,000 - 50,000,000 lb/yr

From: Flattery, Priscilla
Sent: Wednesday, January 15, 2014 9:56 AM
To: Schweer, Greg
Cc: Williamson, Tracy
Subject: RE: Per your request

Tracy – are you around?

Priscilla Flattery
Chief of Staff, OPPT
202-564-2718

From: Schweer, Greg
Sent: Wednesday, January 15, 2014 7:59 AM
To: Flattery, Priscilla
Cc: Doa, Maria; Canavan, Sheila; Williamson, Tracy
Subject: RE: Per your request

Priscilla,

I checked the uses for all the new chemical notifications in our PMN Gold system (i.e., all cases rec'd from FY09 to the present). The only notification that mentioned use in coal mining was one rec'd in FY09 for a chemical used to treat for coal mining wastewater. I have cc'd Tracy on this email. If you want to look at cases prior to FY09, then Tracy will need to have another ICB database checked.

From: Flattery, Priscilla
Sent: Tuesday, January 14, 2014 4:21 PM
To: Schweer, Greg
Cc: Doa, Maria; Canavan, Sheila
Subject: RE: Per your request

So we aren't aware of any new chems that have come in identified as coal processing chems, right?

Priscilla Flattery

Chief of Staff, OPPT

202-564-2718

From: Schweer, Greg
Sent: Tuesday, January 14, 2014 4:11 PM
To: Flattery, Priscilla
Cc: Doa, Maria; Canavan, Sheila
Subject: RE: Per your request

OK with me.

From: Flattery, Priscilla
Sent: Tuesday, January 14, 2014 3:58 PM
To: Schweer, Greg
Cc: Doa, Maria; Canavan, Sheila
Subject: RE: Per your request

How about:

TSCA's New Chemical Review Requirements:

- Any person who intends to manufacture a chemical substance that is not on the TSCA Inventory must submit a pre-manufacture notification (PMN) to EPA at least 90 days before commencing manufacture/import.
- PMNs must include information such as specific chemical identity, use, anticipated production volume, exposure and release information, and any test data in

the control or possession of the notice submitter.

- PMNs are reviewed by EPA to evaluate the health and environmental effects of the chemical substance, the exposures that may occur for the intended use(s) of the substance, and the health and environmental risks.

- If EPA determines that the chemical may pose a concern, EPA can take regulatory action to prohibit or limit the manufacture, processing, distribution in commerce, use, and disposal of a new chemical substance

Priscilla Flattery

Chief of Staff, OPPT

202-564-2718

From: Schweer, Greg
Sent: Tuesday, January 14, 2014 3:55 PM
To: Flattery, Priscilla
Cc: Doa, Maria; Canavan, Sheila
Subject: Per your request

Priscilla,

As usual, I may have written more than you need.

Greg Schweer, Chief

New Chemicals Management Branch (7405M)

U.S. EPA, Office of Pollution Prevention and Toxics

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